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**END OF SEARCH HISTORY**

## WEST

  

L7: Entry 6 of 9

File: USPT

Feb 7, 1995

US-PAT-NO: 5388196

DOCUMENT-IDENTIFIER: US 5388196 A

TITLE: Hierarchical shared books with database

DATE-ISSUED: February 7, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pajak; Henry G.	Ontario	NY		
Byrne; Kenneth C.	Henrietta	NY		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Xerox Corporation	Stamford	CT			02

APPL-NO: 07/ 578384 [PALM]

DATE FILED: September 7, 1990

INT-CL: [06] G06 F 15/00

US-CL-ISSUED: 395/153; 395/161

US-CL-CURRENT: 345/751; 345/781, 345/839, 345/853, 715/514

FIELD-OF-SEARCH: 395/153, 395/155, 395/160, 395/161

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

 

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <u>4399504</u>	August 1983	Obermark et al.	364/200
<input type="checkbox"/> <u>4543630</u>	September 1985	Neches	364/200
<input type="checkbox"/> <u>4604686</u>	August 1986	Reiter et al.	364/200
<input type="checkbox"/> <u>4631644</u>	December 1986	Bachman	364/200
<input type="checkbox"/> <u>5008853</u>	April 1991	Bly et al.	395/153

ART-UNIT: 231

PRIMARY-EXAMINER: Zimmerman; Mark K.

## ABSTRACT:

A representation of a shared structured container type data object with related data bases can be used to present information in a hierarchy or multi-level mode about the activities and status relating to the shared container type structured data object and related data bases and its content of a plurality of structured data objects as well as other information affecting or tracking the shared container type structured data object content in multi-levels. Further, user access control also

provides exclusivity or privacy to invoked changes to parts of the shared container type structured data object and related data bases without interference from other users but with an indication to the other users of access control attributes thereby providing coordinated consistency among users relative to changes to all parts of the shared container type structured data object. There is also the provision for sharing a container with related data base and for Quick Query access to the data base allowing the sharing of multiple objects within the container and the capability of populating and querying the various objects within the container as well as within the data base.

10 Claims, 19 Drawing figures